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(54) NONADSORPTIVE HYDROPHILIC MEMBRANE

(57)Abstract:

PURPOSE: To obtain the titled hydrophilic membrane which excels in water permeability and retentivity and stain resistance and can be used continuously and repeatedly and can be easily handled, by graft-polymerizing a monomer having a neutral OH group with a porous membrane obtained from, e.g., a polyolefin.

CONSTITUTION: A graft-polymerizable monomer having at least one neutral OH group or a functional group as its precursor (e.g., allyl alcohol or vinyl acetate) is graft-polymerized with a hydrophobic porous membrane obtained from a polyolefin, an olefin/halogenated olefin copolymer, polyvinylidene fluoride or the like to obtain the titled hydrophilic membrane having a three-dimensional network structure and a neutral OH group content of 0.1W5 meq per g of the membrane and being in the form of a flat film, a tube, especially, a hollow yarn of an inside diameter of 0.1W10mm and a thickness of 0.05W5mm.

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